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Customer No. 01333

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Inventor(s):
Carl E. Radzio, Jr., et al.

TITLE

INJECTION MOLDING APPARATUS
FOR A NON-METALLIC INJECTION
MOLD

Serial No.: 09/452,930

Filed: Dec. 02, 1999

Commissioner for Patents
Washington, D.C. 20231

Group Art Unit: 1722
Examiner: Donald H. Heckenberg, Jr.

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DATE: August 13, 2002

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PRELIMINARY AMENDMENT

Sir:

In The Claims:

Please amend claims 1 and 4 as set forth below:

Sub E1

1. (Amended) An injection molding apparatus for making a molded part, comprising:
an injection molding machine for injecting molten resin, said injection molding machine including a screw cylinder having a tip, a nozzle at said tip and a threaded screw advanceable in said screw cylinder for injecting molten resin from said nozzle, said injection molding machine further having structurally associated therewith a stationary portion and a movable mold portion forming a mold parting line therebetween;

a non-metallic injection mold comprising a cavity mold and a core mold forming a hollow therebetween for forming an injection molded product therein, said cavity mold being accessible by said stationary portion and said movable mold portion;

a first molten resin flow path extending from inside said screw cylinder to a terminal end of said hollow; and,

a pressure relief valve located on said mold parting line in an engaged state relative to said first molten resin flow path at said terminal end of said hollow